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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	)	Examiner: Bugaisky, Gabriele, E.
DeBoer, Piet, et al.	)	
	)	
Serial No.: 09/832,464	)	Art Unit: 1653
	)	
Filed: April 11, 2001	)	
	)	
For: <b>COMPOSITIONS AND METHODS</b>	)	Attorney Docket No.:
<b>FOR SCREENING FOR</b>	)	27708/04087
<b>ANTIMICROBIALS</b>	)	(formerly CASE-06065)

Commissioner for Patents  
P.O. Box 1450  
Washington, D.C. 20231

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Dear Sir:

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Since these documents are being submitted after the receipt of the first Office Action, applicants are also submitting herewith a check in the amount of \$180.00. It is believed that no

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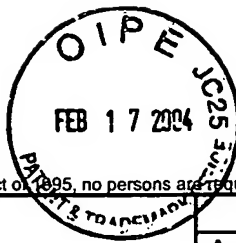
further fee is required relating to the filing of this document. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172.

Respectfully submitted,

Date: February 11, 2004

By: Pamela A. Docherty  
Pamela A. Docherty, Reg. No. 40,561  
(216) 622-8416

PTO/SB/08A (02-03)



PTO/SB/08B (02-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	09/832,464
Filing Date	April 11, 2001
First Named Inventor	Piet A.J. de Boer, et al.
Art Unit	1653
Examiner Name	Bugaisky, G.E.
Attorney Docket Number	27708/04087

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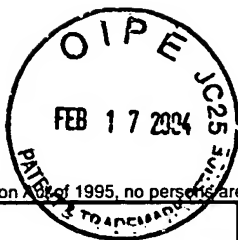
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✓	9	Anderson and Young, Quantitative Filter Hybridization, in Nucleic Acid Hybridization, Hames, et al., [eds.] (1985 pp. 73-111.	
✓	10	Ausubel, et al., "Interaction Trap/Two-Hybrid System to Identify Interaction Proteins," Current Protocols in Molecular Biology (John Wiley & Sons) pp. 13.14.1-13.14.14 (1994).	
✓	11	Beall, B., et al., "Cloning and characterization of bacillus subtilis homologs of Escherichia coli Cell Division Genes ftsZ and ftsA," Journal of Bacteriology, 170:4855-4864 (1989).	
✓	12	Bi, E., et al., "Cell Division Inhibitors SulA and MinCD Prevent Formation of the FtsZ Ring," Journal of Bacteriology, 175:1118-1125 (1993).	
✓	13	Blancar, M.A., and Rutterm W.J., "Interaction Cloning: Identification of helix-loop-helix Zipper Protein that Interacts with cFos," Science 256:1014-1018 (1992).	
✓	14	Brooks, G.F., et al., Jawatz, Melnick & Adelberg's Microbiology, 19th ed., Appleton & Lange, Norwalk, CT (1991), pp. 149-179.	
✓	15	Byrne, C. et al., "DNA sequences of the cysK regions of Salmonella typhimurium and Escherichia coli and linkage of the cysK regions to ptsH," Journal of Bacteriology, 170:3150-3157 (1988).	
✓	16	Callard, R.E. and Gearing, A.J.H. [eds.], IL-1. in The Cytokine FactsBook, p. 31, Academic Press Inc. (1994).	
✓	17	Cam, K., et al., "SigmaS-dependent overexpression of ftsZ in Escherichia coli K-12 rpoB mutant that is resistant to the division inhibitors DicB and DicF RNA," Molecular and General Genetics 248:190-194 (1995).	
✓	18	Chang-Yeh, A., et al., "Identification of a novel murine IAP-promoted placenta-expressed gene," Nucleic Acids Res. 19(13):3667-3672 (1991).	

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Filing Date	April 11, 2001
First Named Inventor	Piet A.J. de Boer, et al.
Art Unit	1653
Examiner Name	Bugaisky, G.E.
Attorney Docket Number	27708/04087

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✓	19	de Boer, P.A.J., et al., "Isolation and Properties of minB, a Complex Genetic Locus in Correct Placement of the Division Site in Escherichia coli," Journal of Bacteriology, 170:2106-2112 (1988).	
✓	20	Douillard and Young, Basic Facts about Hibridomas, in Compendium of Immunology, Vol. II, ed. by Schwartz, pp. 119-141 (1981).	
✓	21	Fleischmann, R. et al., "Whole-genome random sequencing and assembly of Haemophilus influenza Rd," Science 269:496-512 (1995)	
✓	22	Harry, E., at al., "Cloning and expression of a Bacillus subtilis division initiation gene for which a homolog has not been identified in another organism," Journal of Bacteriology, 171:6835-6839 (1989).	
✓	23	Higashitani, A., et al., "A Cell Division Sula of Escherichia coli Directly Interacts with FTSZ Through GTP Hydrolysis," Biochemical and Biophysical Research Communications, 209:198-204 (1995).	
✓	24	Ishino, Y., et al., "Nucleotide sequence of the lig gene and primary structure of DNA ligase of Escherichia coli," Molecular and General Genetics, 204:1-7 (1986).	
✓	25	Joklik, W.K., et al., [eds.], Zinsser Microbiology, 18th ed., Appleton-Century-Crofts, Norwalk, CT, (1984) p. 191-231.	
✓	26	Jorgensen, et al., Manual of Clinical Biology, "Antimicrobial Susceptibility Testing: General Considerations," Murray, et al., [eds.], 6th ed., ASM Press, Washington, D.C. 19950, pp. 1277-1280.	
✓	27	Kohler and Milstein, "Continuous culture of fused cells secreting antibody or predefined specificity," Nature, 256:495-497 (1975).	
✓	28	Kohler and Milstein, "Derivation of specific antibody-producing tissue culture and tumor lines by cell fusing," European Journal of Immunology, 6:511-519 (1976).	

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✓	29	Margolin, W., et al., "Cloning and Characterization of a Rhizobium meliloti Homolog of the Escherichia coli Cell Division Gene ftsZ," Journal of Bacteriology, 173(18):5822-5830 (1991). -	
✓	30	Margolin, W., et al., "Rhizobium meliloti contains a novel second homolog of the cell division gene ftsZ," Journal of Bacteriology, 176:2033-2043 (1994).	
✓	31	Meador and Kennell, "Cloning and sequencing the gene encoding Escherichia coli ribonuclease I: exact physical mapping using the library," Gene 95:1-7 (1990).	
✓	32	Morch, et al., "Overlapping open reading frames revealed nu complete nucleotide sequencing of turnip yellow mosaic virus genome RNS," Nucleic Acid Res. 16:6157-72 (1988).	
✓	33	Nishimura, A., "The new gene controlling the frequency of cell division per round of DNA replication in Escherichia coli," Molecular and General Genetics 215:286-293 (1989).	
✓	34	Reading, C.L., "Theory and methods for immunization in culture and monoclonal antibody production," Journal of Immunological Methods 53:261-291 (1982).	
✓	35	Ruberti, I., et al., "A class of gyrB mutants substantially unaffected in DNA topology, suppressed the Escherichia coli K-12 ftsZ84 mutation," Molecular Microbiology 5(5):1065-1072 (1991).	
✓	36	Sessegolo, J.F., et al., "Distribution of Serotypes and Antimicrobial Resistance of Streptococcus pneumoniae Strains Isolated in Brazil; From 1988 to 1992," Journal of Clinical Microbiology, 32:906-911 (1994)	
✓	37	Vinella, D., et al., "Penicillin-Binding Protein 2 Inactivation in Escherichia coli Results in Cell Division Inhibition, Which is Relieved by FtsZ Overexpression," Journal of Bacteriology, 175:6704-6710 (1993).	
✓	38	Ward, J., et al., "A lac-ftsZ gene fusion is an analog of cell division inhibitor sula," Journal of Bacteriology, 157:815-820 (1984).	

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